



EDUCATION

Program	Institute	% / CGPA	Year
B.Tech in Computer Science Engineering	Indian Institute of Technology, Madras	8.10	2024
Class XII (IPE)	Sri Chaitanya Junior College	94.7 %	2020
Class X (Telangana State Board)	Shine High School	10	2018

SCHOLASTIC ACHIEVEMENTS

- Qualified for JEE Advance and secured a position in top 0.3% among 1.1 million participants.
- Qualified for KVPY among 1.5 lakh participants.
- 4 star coder with a rating of 1801 at codechef.

PROFESSIONAL EXPERIENCE

SDE summer intern Amazon (May'23 – Jul'23)	<ul style="list-style-type: none"> • Worked with PLS (Product Lifecycle Support) Team under WorldWide Returns and Recomm Tech and made 3 API's overall in the backend service section. • Used smithy models to first make a relevant data model and then made accessors and builders to modify data from dynamoDB to the user and vice-versa. • This is used in the website for manufacturers to submit their support and also used by the different teams in the WWRR Team.
---	---

RELEVANT COURSES

Programming and Data Structures	Computer Networks	Basic Graph Theory	Pattern Recognition & MachineLearning*
Design and Analysis of Algorithms	Paradigms of Programming	Principles of Economics	Fundamentals of Operational Research
Object Oriented Programming	Operating Systems	Natural Language Processing	Probability,Statistics &Schocastic Process
Database Management Systems	Computer Architecture	Discrete Mathematics	Introduction to Data Analytics

TECHNICAL SKILLS

Languages: C, C++, Python, Java(Beginner), SCHEME, MySQL, HDL, x86 Assembly, smithy, git.

Libraries: NumPy, Pandas, Matplotlib.

Softwares & Operating Systems: Nand2Tetris, AutoCAD, Linux, Windows, MacOS.

PROJECTS

Mock DNS Server	<ul style="list-style-type: none"> • Implemented a simple hierarchical Domain Name Server (DNS) system, with a client, name resolver, root server, Top Level Domain (TLD) server and authoritative servers in python. • The goal of this research was to demonstrate how the entire DNS system functions. A communication channel was established with the client's system and all the servers, and all the databases were formed. • The entire mock DNS operates and outputs to the system when a system requests an IP address for a desired domain from a user. To demonstrate how many requests are generated, all of the requests are also logged.
Propensity Model	<ul style="list-style-type: none"> • Project was about building a propensity model for issuing credit cards in a fictional company called PayBuddy • It is a binary classification problem identifies if a millennial is likely to apply for a credit card in PayBuddy or not.Cleaned and analysed data to implement the clasification algorithms ranging from low level to advanced algorithms like extreme gradient boost(XGBoost). • We ended up getting 6th position in terms of AUC and in top 3 position in terms of KS score among all the participants.
E-Commerce Website	<ul style="list-style-type: none"> • Built an E-commerce website with some limited data in django using HTML, CSS and little bit of js. • A new user can signup into website with verification through email which is used while recovering his/her password and complete is signup process. • A user can maintain his cart items and proceed through dummy payment. A user can do most of the things done in a regular E-commerce website.

POSITION OF RESPONSIBILITIES

Events Head, Computer Science Association, IIT Madras

(Feb'23-May'23)

- Led a team of thirteen to organise and ideate department specific events like CS trophy, Tshirt and Logo design competitions.
- Conducted placement talk for the students in the department in collaboration with the Placement Team, IITM.

Sports Secretary, Saraswathi Hostel, IIT Madras

(Apr'22-Apr'23)

- Strategized and implemented several plans and improved the sports facilities of the hostel and to cater to the needs of the hostellers like having good equipment to play sports regularly inside hostel and encouraged to participate in inter hostel tournaments.
- Conducted intra-hostel event for different sports and made teams for inter-hostel tournaments.

Super-Coordinator, Saarang Media, IIT Madras

(Dec'22-Mar'23)

- Strategized and lead the team of 15 for cinematography and video-editing for saarang proshows 2023.
- Coordinated coordinators, assigned various sectors, and ensured that job was completed.
- Made logo animations and daily highlights in pre and post saarang times.

EXTRA CURRICULAR ACTIVITIES

- Part of **HEXAPOD** Team in iBot 2021.
- Selected and underwent training in **NCA(National Cultural Arts) Choreo**.
- Secured 1st position in **Dodgeball Competition** conducted as part of **CS trophy 2022**.
- Represented Pampa hostel for **Frisbee** and **Squash** in schroeter 2023.